



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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Released weekly April through November

Issued 4:00 P.M., October 30, 2000

TNS 32-00

AGRICULTURAL NEWS: Temperatures warmed up for a return to summer last week averaging 65 degrees, 11 degrees above normal, with no appreciable rain in the State. Rainfall for the week ending October 29 totaled 0.08 inches for the State. **Days suitable for fieldwork** averaged 5.4 out of a possible six. Kentucky farmers continued seeding winter wheat. Morning fog and increased night humidity were beneficial to curing of burley tobacco. Weather conditions were ideal for finishing the corn and soybean harvest across the State. The dry weather conditions in areas of the State continue to pressure wheat and barley seedings as well as pasture growth. Other farming activities last week included working cattle and preparing pastures for winter. **Topsoil moisture** condition as of Friday, October 27, was 16 percent very short, 37 percent short, 46 percent adequate, and 1 percent surplus. **Subsoil moisture** condition was 17 percent very short, 37 percent short, 45 percent adequate, and 1 percent surplus.

TOBACCO: Foggy mornings through the week helped curing and stripping of tobacco, but the persistent warm, dry weather has raised concerns about houseburn. Comments from producers have varied greatly about both weight and color. As of Sunday, October 29, 24 percent of the **burley** crop was stripped, compared to 23 percent last year and 22 percent on average. Condition of stripped tobacco was 4 percent poor, 26 percent fair, 52 percent good, and 18 percent excellent. Firing of **dark-fired tobacco**, types 22 and 23, was going good.

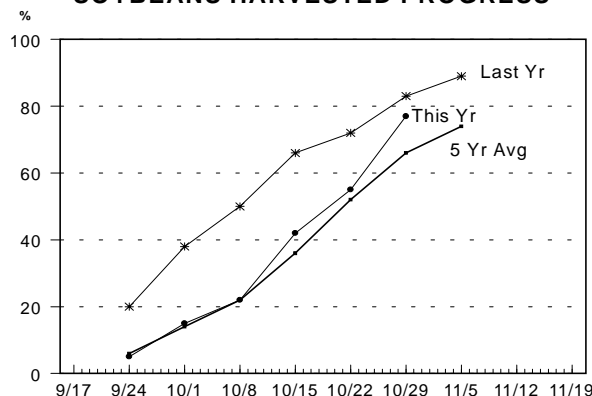
SOYBEANS: As of October 29, 77 percent of the State's soybean crop was harvested, behind last year's 83 percent and ahead of the five-year average of 66 percent. Yields on early planted soybeans have been encouraging with second

crop beans having been affected somewhat by the early season frost. The warm weather through the week provided good drying conditions.

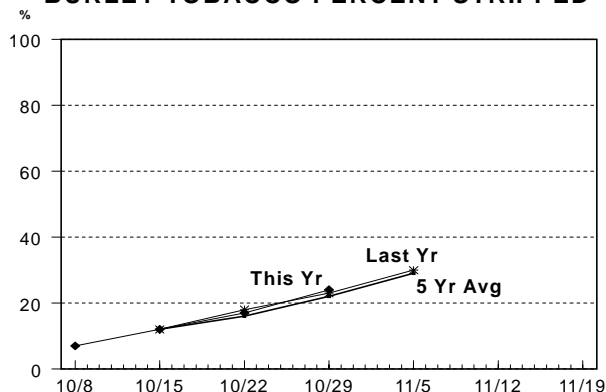
CORN: Harvest was nearly complete as of October 29, as 94 percent of the corn for grain had been harvested. This was behind last year at 99 percent and ahead of the five-year average of 91 percent.

OTHER CROPS: **Winter wheat** seeding was 75 percent complete. This was behind the 82 percent for last year and 76 percent for the five-year average. Rain is needed to ensure a good germination rate of newly seeded wheat, and to invigorate emerged seedings. **Pastures** tend to be stressed due to the lack of rainfall and the warmer temperatures. Pasture condition this past week was rated 4 percent very poor, 12 percent poor, 34 percent fair, 44 percent good, and 6 percent excellent. Pasture conditions will improve if normal fall rains prevail.

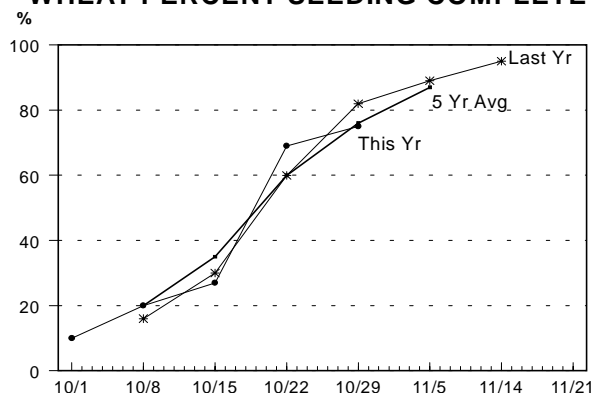
SOYBEANS HARVESTED PROGRESS



BURLEY TOBACCO PERCENT STRIPPED



WHEAT PERCENT SEEDING COMPLETE



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 29, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans Harvested	77	83	66	55	84
Corn Harvested	94	99	91	90	78
Burley Tobacco Stripped	24	23	22	17	NA
Wheat Seeded	75	82	76	69	75

(NA) Data Not Available.

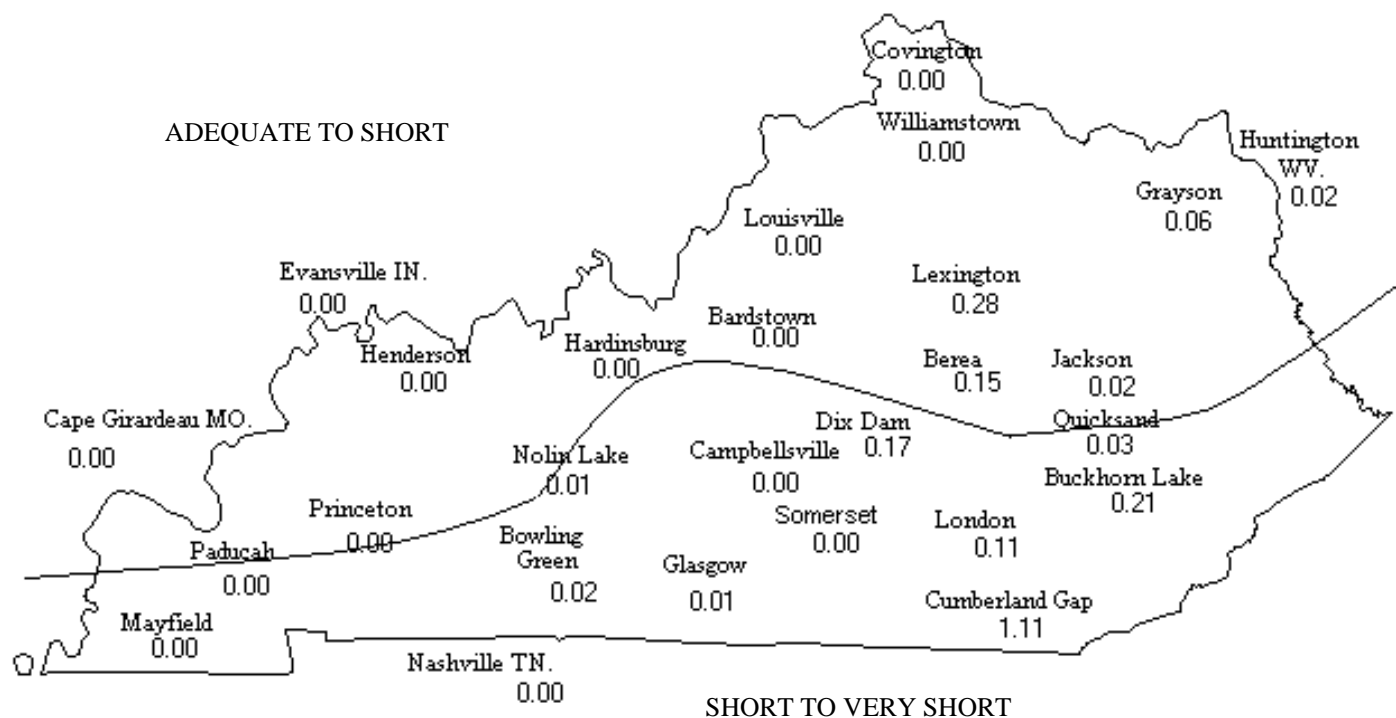
SOIL MOISTURE
WEEK ENDING OCTOBER 27, 2000
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	16	11
Short	37	32
Adequate	46	55
Surplus	1	2
SUBSOIL		
Very Short	17	12
Short	37	35
Adequate	45	51
Surplus	1	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 27, 2000					WEEK ENDING OCTOBER 20, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Wheat Seeded	0	4	29	58	9	0	2	20	66	12
Pasture	4	12	34	44	6	3	12	29	46	10
Stripped Tobacco	0	4	26	52	18	0	3	23	55	19

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 29, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 27, 2000



KENTUCKY WEATHER SUMMARY, OCTOBER 23 - 29, 2000:
MUCH ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Record or near record high temperatures occurred across the State last week with some areas in Western Kentucky reaching the 80s. These warm temperatures provided excellent conditions for harvesting activities across the State. There were some scattered showers in the State towards the end of the work week which provided some much needed rain to winter wheat activities.

Temperatures for the period averaged 65 degrees across the State which was 11 degrees ABOVE NORMAL. High temperatures averaged from 80 in the West to 76 in the East. Departure from normal high temperatures ranged from 12 degrees ABOVE NORMAL in the West to 12 degrees ABOVE NORMAL in the East. Low temperatures averaged from 55 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 10 degrees ABOVE NORMAL in the West to 10 degrees ABOVE NORMAL in the East.

Rainfall for the period totaled 0.08 inches statewide which was 0.59 inches BELOW NORMAL. Precipitation totals by climate division, West 0.00 inches, Central 0.01 inches, Bluegrass 0.10 inches and East 0.20 inches, which was 0.69, 0.65, 0.53 and 0.48 inches respectively BELOW NORMAL. By Kentucky station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 1.11 inches at Cumberland Gap.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, OCTOBER 29, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average High	Low
	(Inches)			(Degrees Fahrenheit)							
Bardstown	0.00	21.06	0.38	-5.48	-1.94	81	38	64.6	+11	95	49
Berea	0.15	27.49	1.04	-0.56	-1.49	80	49	64.6	+12	91	45
Bowling Green	0.02	21.54	0.60	-6.69	-2.13	84	45	67.6	+14	--	--
Bristol	0.02	21.14	0.02	-2.77	-2.32	77	37	61.9	+9	--	--
Buckhorn Lake	0.21	30.91	0.52	+4.11	-2.03	80	40	63.1	+11	--	--
Cape Girardeau	0.00	18.98	1.10	-7.52	-1.61	84	50	67.1	+11	--	--
Campbellsville	0.00	25.24	0.59	-6.38	-2.26	83	43	66.1	+12	94	46
Covington	0.00	26.27	1.37	+1.25	-1.21	79	35	61.7	+9	--	--
Cumberland Gap	1.11	22.96	1.26	-5.96	-1.72	84	41	64.5	+12	95	43
Dix Dam	0.17	23.80	0.68	-3.78	-1.90	80	41	64.2	+12	--	--
Evansville	0.00	26.37	0.56	+1.31	-2.03	83	42	66.4	+10	--	--
Glasgow	0.01	25.09	0.73	-5.17	-1.99	85	44	67.4	+14	95	46
Grayson	0.06	26.46	0.54	+0.57	-2.16	79	36	62.4	+10	95	48
Hardinsburg	0.00	23.96	0.42	-4.06	-2.33	84	41	66.4	+13	96	55
Henderson	0.00	24.49	0.94	-1.43	-1.57	83	43	66.9	+11	96	49
Huntington	0.02	25.40	0.57	-0.60	-2.10	80	35	61.6	+9	--	--
Jackson	0.02	33.03	1.07	+5.13	-1.56	78	39	64.6	+12	--	--
Lexington	0.28	24.61	0.72	-1.93	-1.60	80	36	63.5	+11	--	--
London	0.11	22.70	1.05	-3.23	-1.44	80	42	63.4	+11	--	--
Louisville	0.00	26.10	0.99	+0.04	-1.46	82	38	65.9	+12	--	--
Mayfield	0.00	28.31	1.45	-0.79	-1.81	84	42	65.6	+10	96	49
Nashville	0.00	21.65	0.20	-4.46	-2.17	85	50	69.4	+16	--	--
Nolin Lake	0.01	25.27	0.53	-4.65	-2.33	84	43	67.1	+13	--	--
Paducah	0.00	23.86	1.13	-4.17	-1.58	86	51	67.6	+12	92	47
Princeton	0.00	25.65	1.15	-2.44	-1.60	84	48	69.2	+13	98	56
Quicksand	0.03	35.87	0.43	+7.97	-2.20	79	39	62.9	+10	98	47
Somerset	0.00	30.55	0.53	+1.02	-2.42	83	44	65.7	+13	93	46
Spindletop	0.00	23.47	0.92	-3.07	-1.40	79	35	61.8	+9	90	52
Williamstown	0.00	25.50	0.50	-1.08	-2.20	80	33	64.0	+12	95	52

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.agwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 22, 2000

Corn Percent Harvested

State	Oct 22 2000	Prev Week	Prev Year	5-Yr Avg
CO	65	41	31	42
IL	86	74	81	67
IN	65	50	80	55
IA	91	76	78	55
KS	99	97	78	77
KY	90	87	97	86
MI	27	10	56	36
MN	85	68	69	60
MO	94	91	82	71
NE	88	81	68	51
NC	92	85	84	91
ND	51	28	41	51
OH	37	24	64	38
PA	27	22	36	41
SD	65	46	39	39
TN	100	98	100	97
TX	98	94	96	95
WI	46	29	57	39
ALL	78	66	72	58
These 18 States harvested 94% of last year's corn acreage.				

Soybeans Percent Harvested

State	Oct 22 2000	Prev Week	Prev Year	5-Yr Avg.
AR	58	44	54	48
IL	87	75	87	83
IN	82	65	89	83
IA	98	91	96	92
KS	91	89	74	69
KY	55	42	72	52
LA	94	88	94	86
MI	52	30	81	70
MN	99	98	95	93
MS	89	81	88	78
MO	80	68	69	61
NE	93	83	94	88
NC	12	8	14	12
ND	97	90	85	87
OH	73	58	85	79
SD	94	85	80	81
TN	54	39	59	38
WI	88	70	86	77
ALL	84	74	84	78
These 18 States harvested 95% of last year's soybean acreage.				

Winter Wheat Percent Planted

State	Oct 22 2000	Prev Week	Prev Year	5-Yr Avg.
AR	38	21	35	34
CA	25	20	5	5
CO	98	96	100	98
ID	94	83	88	87
IL	68	45	82	78
IN	74	46	79	78
KS	84	69	96	94
MI	90	66	89	89
MO	64	50	61	58
MT	86	69	96	96
NE	99	97	99	99
NC	25	20	24	26
OH	82	61	88	87
OK	60	45	90	85
OR	81	69	51	74
SD	90	79	97	99
TX	61	54	70	77
WA	100	97	93	96
ALL	75	64	85	85
These 18 States planted 90% of last year's winter wheat acreage.				

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